

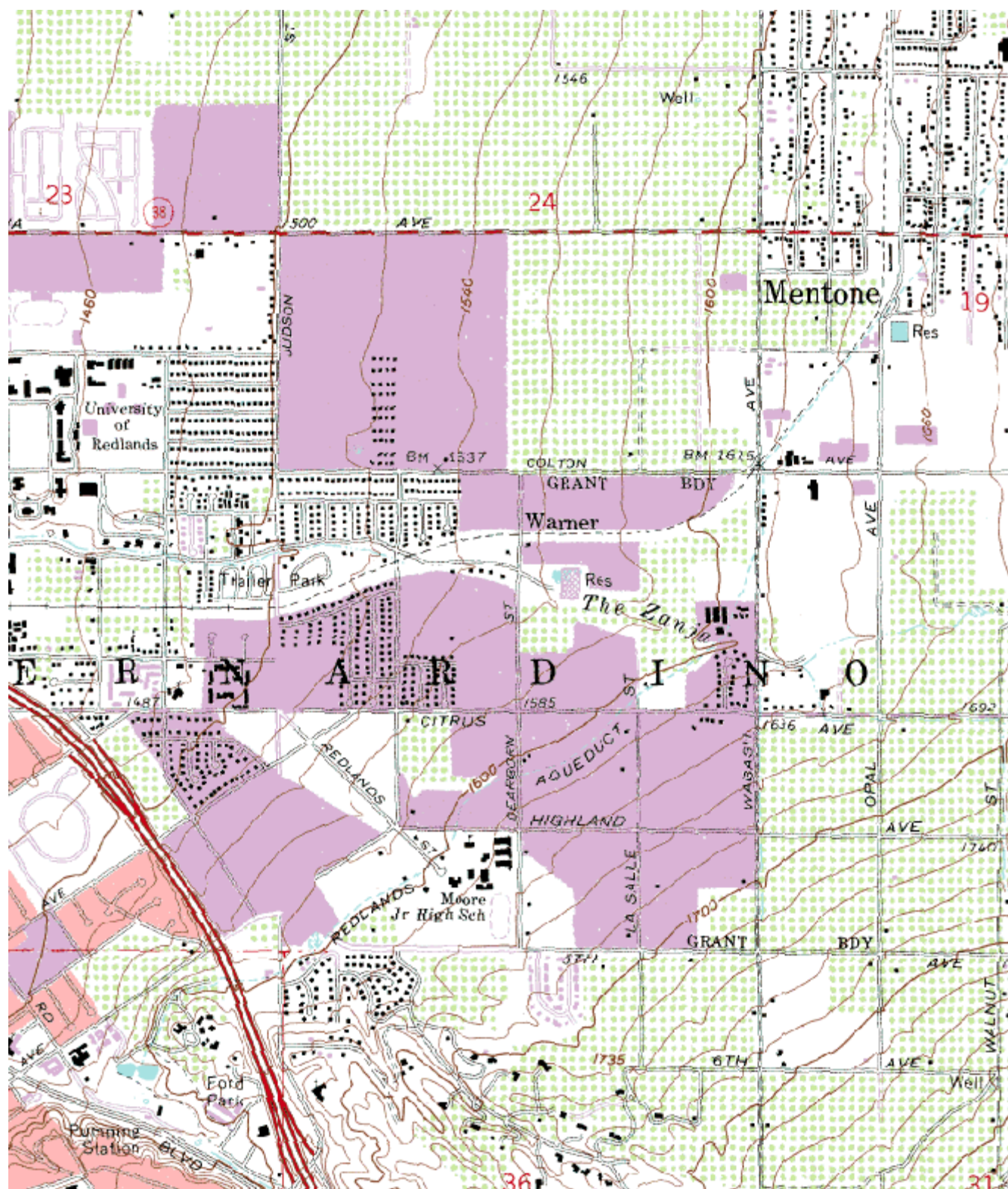
Quality Assurance Site Survey Report for Redlands

Last updated May 2008



AIRS Number	ARB Number	Site Start Date	Reporting Agency and Agency Code
060714003	36204	09/01/86	South Coast AQMD (061)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
500 N Dearborn St Redlands, CA 92374	San Bernardino	South Coast	34° 03' 35"	117° 08' 50"	475



Site Survey Report

Siting Information

Site Name: Redlands	Date: 05/14/08	State Code: 36204	AIRS Number: 060714003
Address: 500 N. Dearborn Ave Redlands, CA 92374	Latitude: 34° 03' 35"	Longitude: 117° 08' 50"	Elevation (m): 475
	Senior AQIS: Keith Brown	Site Technician: Richard Trzcinski	Site Phone: (909) 793-6019
Operating Agency: South Coast AQMD			

General Siting Conditions

<div>Station Temperature</div> <div>Controlled: Yes</div> <div>Recorded: Yes</div>	<div>Traffic</div> <div>Description: Residential</div> <div>Distance: 20 meters</div> <div>Count (Veh/Day): 1000</div>	<div>Topography</div> <div>Site: Level</div> <div>Region: Level</div>	<div>Predominant Wind Direction: N</div> <div>Arc Air Flow (Deg): 180 Degrees</div> <div>Probe Last Cleaned: 04/07/08</div>	
	<div>Meteorology</div> <div>Located With Instruments: Yes</div>	<div>Non-vehicular Local Sources</div> <div>Description: Dirt</div> <div>Distance: 0 meters</div> <div>Direction: NESW</div>	<div>QA Manual</div> <div>Manifold Clean: Yes</div> <div>Cleaning Schedule: 6 Months</div> <div>Autocalibrator Type: Environics 100</div>	
			<div>Approved: Yes</div> <div>Agency: SCAQMD</div> <div>Urbanization: Suburban</div> <div>Ground Cover: Gravel</div>	<div>Site Survey Complete: Yes</div> <div>Logbook Up To Date: Yes</div>

Action Items

--

Comments

--

Detailed Site Information

Site Name	Redlands			
AQS ID (AIRS #)	060714003			
GIS coordinates	Latitude: 34° 03' 35" Longitude: 117° 08' 50"			
Location	Vacant Lot / Water District			
Address	500 N Dearborn Ave, Redlands, CA 92374			
County	San Bernardino			
Dist. to road	20 meters			
Traffic count	1,000 veh/day			
Groundcover	Gravel			
PEP audit?				
NPAP audit?	11/28/07			
Flow audit?	02/07			
Representative Area	40140 – San Bernardino-Riverside-Ontario, CA MSA			
Pollutant	Ozone	PM10-SSI		
Monitor objective	REPRESENTATIVE CONCENTRATION	REPRESENTATIVE CONCENTRATION		
Spatial scale	Neighborhood Scale	Neighborhood Scale		
Sampling method	API/Teledyne 400	Andersen SA1200		
Serial #	525	4939		
Property #	N/A	N/A		
Last Calibration Date	11/27/07	01/08/08		
Analysis method	N/A	Weighed by SCAQMD lab		
Start date	09/01/86	09/01/86		
Operation schedule	1:1	1:6		
Sampling season	All Year	All Year		
Probe height	5.0	3.5		
Distance from supporting structure	1.6	1.6		
Distance from obstructions on roof	N/A	N/A		
Distance from obstructions not on roof	N/A	N/A		
Distance from trees	N/A	N/A		
Distance to furnace or incinerator flue	N/A	N/A		
Distance between collocated monitors	N/A	N/A		
Unrestricted airflow	Yes	Teflon		
Probe material	Teflon	N/A		
Residence time	8.0	N/A		
Will there be changes within the next 18 months?	Yes	Yes		
Is it suitable for comparison against the annual PM2.5?	N/A	N/A		

Frequency of flow rate verification for manual PM samplers audit	N/A	Monthly		
Frequency of flow rate verification for automated PM analyzers audit	N/A	N/A		
Frequency of one-point QC check (gaseous)	Nightly	N/A		
Last Annual Performance Evaluation (gaseous)	02/07	N/A		
Last two semi-annual flow rate audits for PM monitors	N/A	05/07, 11/07		

**Redlands
Site Photos**



Looking North from the probe.



Looking East from the probe.



Looking South from the probe.



Looking West from the probe.

**Redlands
Site Photos (Cont.)**



Looking at the probe from the North.



Looking at the probe from the East.



Looking at the probe from the South.



Looking at the probe from the West.